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Application Number

10/084,007

Filing Date

February 27, 2002

First Named Inventor

Lomp et al.

Art Unit

2634

Examiner Name

Ha, Dac V.

Attorney Docket Number

I-2-0096.3US

Total Number of Pages in This Submission

## ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
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<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Form PTO-1449, Copies of Five (5) European Search Reports and Copies of Sixteen (16) Cited References
<input checked="" type="checkbox"/> Supplemental Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Frank A. Mazzeo	Reg. No. 46,259
Signature		
Date	May 27, 2003	

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Frank A. Mazzeo		
Signature		Date	May 27, 2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

Technology Center 2600

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:

Lomp et al.

**Application No.:** 10/084,007

**Confirmation No.:** 8568

**Filed:** February 27, 2002

**For:** AUTOMATIC POWER CONTROL  
SYSTEM FOR A CODE DIVISION MULTIPLE  
ACCESS (CDMA) COMMUNICATION SYSTEM

**Group:** 2634

**Examiner:** Ha, Dac V.

Our File: I-2-0096. 3US

Date: May 27, 2003

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
INCLUDING RULE 1.97(e)(1) and (2) STATEMENTS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Examiner:

Further to Applicants' Duty of Disclosure pursuant to 37 C.F.R. § 1.56, Applicants wish to bring to the Examiner's attention the material cited on the enclosed Form PTO-1449, which was cited in five search reports from counterpart European applications, and in examiners' Notices of References Cited from three related U.S. applications. Copies of the cited references are enclosed along with copies of the European search reports.

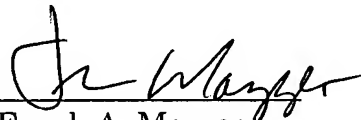
Pursuant to Rule 1.97(e)(1), the undersigned certifies that references CQ-CT and CY-DF in this Supplemental Information Disclosure Statement (SIDS) were first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this SIDS.

Pursuant to Rule 1.97(e)(2), the undersigned certifies that references CU-CX in this SIDS were not cited in any communication from a foreign patent office in a counterpart foreign application, nor, to the knowledge of the undersigned after making reasonable inquiry, known to any individual designated in §1.56(c) more than three months prior to the filing of this SIDS. (The three month deadline was May 24, 2003, which was a Saturday, and May 26, 2003, was Memorial Day)

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the Form PTO-1449 indicating consideration of the cited materials.

Respectfully submitted,

Lomp et al.

By   
Frank A. Mazzeo  
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Volpe and Koenig, P.C.  
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Enclosures

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Sheet 1\_ of 1\_



FORM PTO-1449

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DOCKET NO.  
I-2-0096.3USSERIAL NO.  
10/084,007U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEAPPLICANT  
Lomp et al.INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTFILING DATE  
February 27, 2002GROUP  
2634

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	CQ	4	3	2	0	5	1	3	03/1982	Lampert			
	CR	5	1	6	6	9	5	2	11/1992	Omurg et al.			
	CS	5	3	6	1	2	7	6	11/1994	Subramanian			
	CT	5	3	6	5	5	8	5	11/1994	Puhl et al.			
	CU	5	6	5	4	9	8	0	08/1997	Latva-aho et al.			
	CV	5	8	7	2	8	1	0	02/1999	Phillips et al.			
	CW	5	8	7	5	4	0	0	02/1999	Madhavapeddy et al.			
	CX	5	8	8	1	3	6	8	3/1999	Grob et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
	CY	9	3	1	4	5	8	8	07/1993	WO				
	CZ	9	4	2	8	6	4	0	12/1994	WO				
	DA	2	2	8	0	5	7	5	02/1995	GB				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

DB	Pahlavan et al.; "Performance of adaptive matched filter receivers over fading multipath channels;" IEEE; vol. 38, no. 12; pgs. 2106-2113; December 1990.
DC	Giannetti et al.; "Design of an all-digital receiver for narrowband continuous-phase asynchronous CDMA systems;" IEEE; vol. 3; pgs. 468-472; May 1993.
DD	Braun et al.; "An All-digital receiver for satellite audio broadcasting signals using trellis coded quasi-orthogonal code-division multiplexing," AEI; vol. 4, no. 1; pgs. 23-32; 1993.
DE	Rick et al.; "Noncoherent parallel acquisition in CDMA spread spectrum systems;" IEEE; paragraph 1; May 1994.
DF	Bernasconi; "Receiver architectures for the down-link in a DS-CDMA mobile system;" IEEE; pgs. 51-55; September 1994.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.